



# St Anne's School and Sixth Form College

## Computing Policy

Reviewed September 2018

### 1. INTRODUCTION

The 2014 national curriculum introduced a new subject, computing, which replaced ICT. This represents continuity and change, challenge and opportunity. It gives the school the chance to review and enhance current approaches in order to provide an even more exciting curriculum that addresses the challenges and opportunities offered by the technologically rich world in which we live.

Computing is concerned with how computers and computer systems work, and how they are designed and programmed. Pupils will gain an understanding of computational systems of all kinds, whether or not they include computers. Computational thinking provides insights into many areas of the curriculum, and influences work at the cutting edge of a wide range of disciplines.

The Acceptable Use of ICT Policy, Online safety Policy, Mobile Devices Policy and the PSHCE Policy should also be read in conjunction with this policy.

The new National Curriculum presents the subject as one lens through which pupils can understand the world. There is a focus on computational thinking and creativity, as well as opportunities for creative work in programming and digital media.

### 2. THE NATURE OF COMPUTING

The introduction makes clear the three aspects of the computing curriculum: **computer science** (CS), **information technology** (IT) and **digital literacy** (DL).

The core of computing is computer science, in which pupils are taught the principles of information and computation, how digital systems work and how to put this knowledge to use through programming. Building on this knowledge and understanding, pupils are equipped to use information technology to create programs, systems and a range of content. Computing

also ensures that pupils become digitally literate – able to use, and express themselves and develop their ideas through, information and communication technology – at a level suitable for all.

In the Foundation Stage, the Information Communication Technology requirements stated in the Knowledge and Understanding of the World element of the Early Learning Goals Foundation Curriculum, are covered in continuous and blocked units.

### 3.INCLUSIVE PRACTICE

In planning and teaching, teachers ensure that they set suitable learning challenges and respond to pupils' diverse needs, making every effort to overcome potential barriers to learning and assessment.

Equality of access to this subject will be maintained through consistent following of the planning to ensure that pupils are able to take part fully in all activities over the full breadth of the subject. All students will receive appropriate differentiation and modification.

In the interest of providing equal opportunities for all pupils, staff will consider and respect gender, ethnicity, culture and context as well as capability.

### 4.HEALTH AND SAFETY

The safety of the pupil is the responsibility of the class teacher and close supervision is essential. It is important that children are taught to handle, store and use equipment safely at an appropriate stage. They should be made aware of how their actions can affect others. The Acceptable Use Policies must be adhered to at all times to ensure online safeguarding is at the forefront of every lesson. The Council's Response to Risk flowchart must be followed and the Online safety co-ordinator must be made aware of any online safeguarding incidents using the appropriate pro forma.

### 5.ASSESSMENT

Assessment of children's work in computing is ongoing. Achievement is reported to parents annually as part of the children's annual review.

Children's work is saved to the server for reference throughout the year.

### 6.REVIEW

A review of the policy will be undertaken in line with the policy review timetable and any amendments or updates will be reported to the Governing Body.

Any new legislation or directives will be incorporated into the policy as necessary